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#13

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/675,525ADATE: 05/01/2002
TIME: 09:37:12Input Set : A:\192822-1.app
Output Set: N:\CRF3\05012002\I675525A.raw

3 <110> APPLICANT: Barrett, Ronald W.
 4 Dower, William J.
 5 Gallop, Mark
 6 Woiwode, Thomas F.
 7 Cwirla, Steven E.
 8 XenoPort, Inc.
 10 <120> TITLE OF INVENTION: Compounds Displayed on Replicable Genetic Packages and
 11 Methods of Using Same
 13 <130> FILE REFERENCE: 019282-000210US
 15 <140> CURRENT APPLICATION NUMBER: US 09/675,525A
 16 <141> CURRENT FILING DATE: 2000-09-29
 18 <150> PRIOR APPLICATION NUMBER: US 60/156,674
 19 <151> PRIOR FILING DATE: 1999-09-29
 21 <160> NUMBER OF SEQ ID NOS: 7
 23 <170> SOFTWARE: PatentIn Ver. 2.1
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 60
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element
 32 inserted into phagemid (gene VIII)
 34 <400> SEQUENCE: 1
 35 gcggccgcws swwswswws wwwswsssg aattccctat agtgagtcgt attaaagctt 60
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 21
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Artificial Sequence
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA
 45 biotinylation substrate sequence
 47 <220> FEATURE:
 48 <221> NAME/KEY: MOD_RES
 49 <222> LOCATION: (11)
 50 <223> OTHER INFORMATION: Xaa = Lys modified by biotin
 52 <400> SEQUENCE: 2
 W--> 53 Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile Glu Trp His Glu
 54 1 5 10 15
 56 Gly Gly Gly Ser
 57 20
 60 <210> SEQ ID NO: 3
 61 <211> LENGTH: 63
 62 <212> TYPE: DNA

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63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence:5' end of gene
67 for filamentous phage coat protein pVIII
69 <400> SEQUENCE: 3
70 ggcgggctta atgatatttt tgaggctcag aagattgagt ggcatgaggg aggccgggg 60
71 agc 63
74 <210> SEQ ID NO: 4
75 <211> LENGTH: 20
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA
81 biotinylation substrate sequence
83 <220> FEATURE:
84 <221> NAME/KEY: MOD_RES
85 <222> LOCATION: (15)
86 <223> OTHER INFORMATION: Xaa = Lys modified by biotin
88 <400> SEQUENCE: 4
W--> 89 Asn Ser Gly Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile
90 1 5 10 15
92 Glu Trp His Glu
93 20
96 <210> SEQ ID NO: 5
97 <211> LENGTH: 71
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence:3' end of gene
103 10B major coat protein of T7 phage
105 <400> SEQUENCE: 5
106 aattctggag gcgggggtct taatgatatt tttgaggctc agaagattga gtggcatgag 60
107 taagtaacta a 71
110 <210> SEQ ID NO: 6
111 <211> LENGTH: 58
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element
117 inserted into T7 phage vector
119 <400> SEQUENCE: 6
120 gccccgcws swwswwswws wwwswsssg tattctatag tgtcacctaa atctcgag 58
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 5
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence:mAb 3E7 epitope
130 peptide

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132 <400> SEQUENCE: 7

133 Tyr Gly Gly Phe Leu

134 1 5

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/01/2002
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq# : 2; Xaa Pos. 11
Seq# : 4; Xaa Pos. 15

VERIFICATION SUMMARY

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L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0